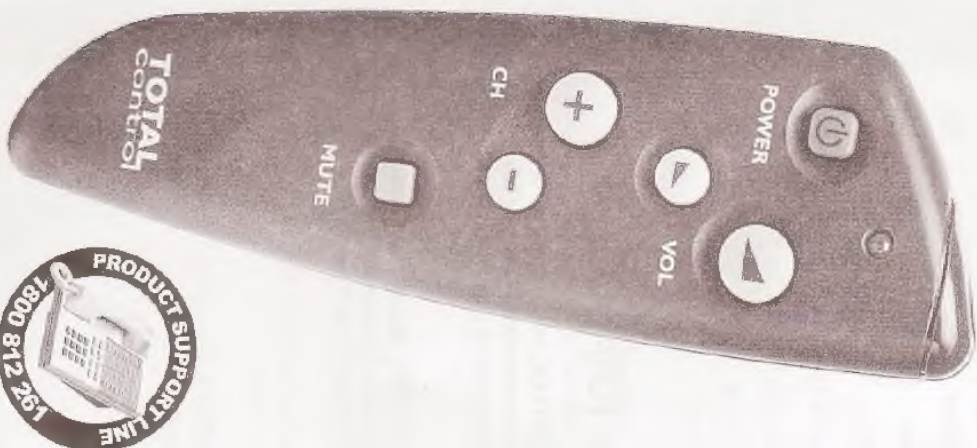


PREPROGRAMMED TELEVISION REMOTE CONTROL



INSTRUCTION MANUAL

TOTAL CONTROL

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About Your TOTAL CONTROL

Your TOTAL CONTROL was designed to operate any infrared remote-controlled TV so you can control the basic functions of your original TV remote.

Your TOTAL CONTROL package contains:
The TOTAL CONTROL Remote and the
TOTAL CONTROL Instruction Manual.

This book is divided into two parts: Set-Up
Instructions and TV codes.

The TOTAL CONTROL User Guide and Code
Book explains in simple steps how to set up and use
your new remote.

Installing the Batteries

Your TOTAL CONTROL needs two new
AAA/LR03 alkaline batteries.



1 On the back of
the TOTAL
CONTROL, push
down on the tab
and lift the cover
off.



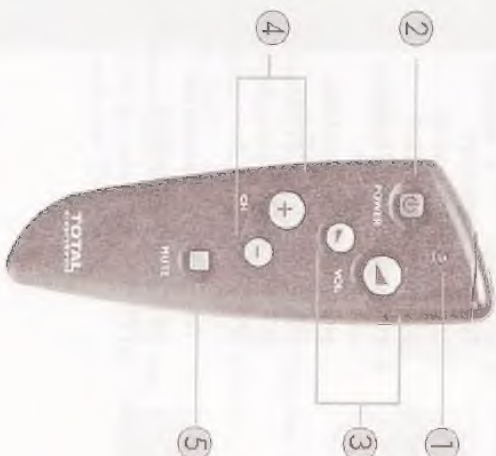
2 Match the
batteries to the +
and - marks inside
the battery case,
then insert the
batteries.










3 Press the battery
cover back into
place.

Features and Functions

The illustration below and the chart on the next
page describe the features and functions of the
TOTAL CONTROL universal TV remote.



Your TOTAL CONTROL universal remote was designed with the functions used most often to operate your TV. It has large, shaped keys for easy recognition, even in the dark.





Key	Function
① 	The LED flashes red to show that the remote is working.
②  POWER	The Power (or Standby) key operates the same as on your original remote.
③  	The Volume keys adjust the volume just as your original remote.
④  	The Programme keys operate the same as on your original remote. If your original remote does not have channel or programme up/down keys, the TOTAL CONTROL may not operate these functions either.
⑤  MUTE	The Mute key operates the same as on your original remote.

Entering Your Code

The TOTAL CONTROL is preprogrammed with codes for the most popular remote-controlled TVs.

Starting on page 1 you will find the Set-Up Code section. This section lists the codes for your TV by brand name. For each brand name, the most popular codes are listed first.

To enter a code for your TV, use the Programme and Volume keys on the TOTAL CONTROL as follows:





Programme + (up)	=	1
		
Programme - (down)	=	2
		
Volume + (up)	=	3
		
Volume - (down)	=	4
		

For example, to enter the code for a Thomson TV (code 21244), press Programme - (=2), Programme + (=1), Programme - (=2), Volume - (=4), Volume - (=4).

The following pages give you step-by-step instructions for setting up your TOTAL CONTROL for use with your TV.

Setting Up Your TV

To set up the TOTAL CONTROL for your TV:

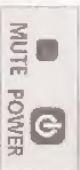



- Find your TV code in the Set-Up Code section (starting on page 1). Codes are listed by brand name. The most popular code is listed first. Turn on your TV.
- Press the **Mute** key, then **Power** and **hold both** until the red light blinks twice.   MUTE POWER
- Enter your **five-digit TV code** according to the chart on page 5. The red light will blink twice.  CODE
- Aim the TOTAL CONTROL at your TV and press **Power**. Your TV should turn off.  POWER
- For easy reference, write your TV code in the five boxes.

To turn on your TV, press the Power or Programme + key depending on your TV.

Note: If your TV does not respond, try all the codes for your brand. If the codes do not work, try the search method (page 7), even if your brand isn't listed at all.








Searching for Your Code

If your TV still does not respond to the TOTAL CONTROL after having tried all the codes for your brand, try searching for your TV code.

- 1 Turn on your TV.
- 2 Press the **Mute** key, then **Power** and hold both until the red light blinks twice.
 
- 3 Press **Volume -** three times. The red light will blink twice.
 
- 4 Alternate between **Programme+** and **Power** until your TV turns off. You may have to press these keys many times, so please be patient.
 
- 5 When your TV turns off, press the **Mute** key. The red light will blink twice. Your TOTAL CONTROL is ready to run your TV.
 

Getting codes from the TOTAL CONTROL

It's easy to get the five-digit code for your TV after your device is set up. To get your TV code:

- 1 Press the **Mute** key, then **Power** and hold both until the TOTAL CONTROL's red light blinks twice.
 
- 2 Press **Volume -, Volume +**, then **Volume +**.
 
- 3 For the first digit of your 5-digit code, press **Programme+** and count the red blinks.
 
- 4 For the second digit, press **Programme-** and count the red blinks.
 
- 5 For the third digit, press **Volume+** and count the red blinks.
 
- 6 For the fourth digit, press **Volume-** and count the red blinks.
 
- 7 For the fifth digit, press the **Mute** key and count the red blinks. Now you have your five-digit code.
 

Note: Write down the five-digit code for your TV on page 6.

Helpful Hints

Problem:	Solution:
Red light does not blink when you press a key?	Replace batteries with 2 fresh, new AAA/LR03 alkaline batteries.
The TOTAL CONTROL does not respond after pressing a key?	Make sure you are using new batteries and are aiming the TOTAL CONTROL at your device.
The TOTAL CONTROL does not operate your TV?	A) Try all the codes listed for your brand. B) Try the search method on page 7.
Your brand is not listed in the TOTAL CONTROL code section?	Try the search method on page 7.
The TOTAL CONTROL is not performing commands properly?	You may be using the wrong code. Start the search method over again to locate the proper code.
Your TV switches to Programme 1 when you press the Power key before switching off OR you must press Power twice to switch on your TV?	Press the Mute key, then Power and hold both until the red light blinks twice. Then press: (Volume -) (Programme +) (Programme +).

Guarantee

UNIVERSAL ELECTRONICS INC. warrants to the original purchaser that this product will be free from defects in materials and workmanship under normal use for a period of ninety (90) days from the date of the original purchase. Product will be replaced free of charge if it has been proven to be defective within the 90-day period when said product is returned at customer expense within the warranty period. THIS WARRANTY DOES NOT COVER ANY EXPENSES INCURRED IN THE REMOVAL AND REINSTALLATION OF THIS PRODUCT.

This warranty does not cover damage or failures caused by products or services not supplied by TOTAL CONTROL, or which result from accident, misuse, abuse, neglect, mishandling, misapplication, faulty installation, set-up adjustment, improper maintenance, alteration, misadjustment of consumer controls, modifications, commercial use, fire, water, lightning or other acts of God. This warranty does not cover radios, carrying cases, batteries, broken or marked cabinets or any other items used in connection with the product.

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To obtain warranty service during the warranty period, please carefully pack the product and send it prepaid and adequately insured to the address below, together with your purchase receipt or other proof of the date of original purchase.

UNIVERSAL ELECTRONICS
P.O. BOX 3332
7500 OH Erschlede
The Netherlands

IMPORTANT:
IF THE UNIT IS RETURNED WITHIN THE WARRANTY PERIOD, YOU MUST INCLUDE YOUR PURCHASE RECEIPT so that we may establish your eligibility for service and can replace your unit without cost. It would be helpful if you included a note detailing the problem. If THE UNIT IS RETURNED FOR SERVICE OUTSIDE THE WARRANTY PERIOD, please include a cheque to cover the cost of replacement, handling and return postage. (Prices may differ per model.)

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CH+ = 1, CH- = 2, VOL+ = 3, VOL- = 4

Codes TV

Admiral	12224, 12242, 23313, 21412, 14222, 21311, 21243	Brandt*	12342, 14142, 14342, 22142, 14121, 21244, 22144, 21334	Dual-Tec	14232, 21114, 12224, 21333, 12331, 12323, 14222, 14232, 12123, 21324	German-vox	14222, 10322, 22413, 21313, 11311, 11323, 22432, 11113, 14234, 14231
Agazul	11311	Brickmann	23313	Dynatron	11322	Gorenje	14233
AGB	12134	Brionvega	11322, 12224, 12224, 21332	Elbe	14343, 21114, 14244, 12134, 12323, 13314, 21341, 21414	Grandin	22413, 23322
Akal	14211, 22414, 11322, 13444, 11132, 12131, 14233	BSR	21333, 13314	Elecit	12224, 14424, 12134, 12323, 13314, 21341, 21414	Grundig	22413, 14233
Alba	14233, 22412, 13344, 21131, 14233, 14334, 11132, 23313, 22413, 22421, 22314, 22413, 11321, 14231	BTC	14233	Elektra	14233, 14334, 13314, 11132, 11321, 11322, 21211, 22314, 22444, 13442, 22423, 11124	Hellfax	14141, 13444, 12133, 12141, 14142, 14342
Alcyon	12141, 14214	Bush	11124	Elinc	14231, 11322, 12332, 12331, 14233, 11322	Hampton	14231, 14232
Allorgan	14143, 21323, 14232	Capsonic	11321, 12123	Elman	11322	Hansa	11322, 21321, 1314, 14222, 22111, 11132, 21323
Amistar	11322	Carrefour	11322, 12123	Eta	11322	Hansa	11322, 21321, 1314, 14222, 22111, 11132, 21323
Amplivision	14232	Cathay	11322	Erres	11322, 11411	Harcotex	11321, 21414, 14222
Amstrad	13412, 11132, 12134, 21131, 22313, 14233, 22414, 22412, 22313, 13334	Century	12224, 14222, 14424, 12133, 21413, 12141, 14424, 14441, 13141, 21413, 21221, 23313	Euro-Feel	11314, 1132, 21234	HCM	2131, 11132, 23322, 14232, 14233
Anglo	11132	CCE	14441, 13141, 21413, 21221, 23313	Europhon	14231, 21131, 11322, 14232, 23322	Hema	14231, 14232
Antech	11132, 12141, 21131	Cerule	11132, 14334	Erphion	11322, 12134, 12323, 14222, 14232, 21414, 21433, 14424	Hifivox	12342, 14121
Antonic	22413, 12323, 11132	Cry	11132	Expert	14222, 14232, 21414, 21433, 14424	Himar	14211, 14314, 11321, 1322, 14233, 11322, 21234
Arcon Cid	12342, 14211	Ciatronic	14233, 21131, 22413, 22414, 14232, 12141, 14424, 11322, 11132	Femmer	14224, 14143	Hismwa	14233, 14233
Arcom	14231, 14232	Concord	11132	Fenit	22423, 11132	Hitec	14312, 1321, 13314, 11334, 11341, 14121, 14232, 21413, 11111, 21221
Arstona	11322, 11141, 11142	Concorde	11132	Firstline	22423, 14424, 11132, 22423, 21324, 11322, 12332, 12331, 11322	Hohai	14233, 14233
Artura	11322, 11141, 11142	Cordor	14231, 14424, 22111, 11322, 22413, 11132	Fisher	12331, 12224, 14232, 11321, 14211, 22413, 21332, 11342, 12224, 13242, 13314, 14232	Hogash	14233, 14231
Asa	14224, 12332, 22233, 12123, 21333, 21324, 12331, 12224	Conic	11131	Firstline	22423, 14424, 11132, 22423, 21324, 11322, 12331, 12224, 14232, 11341, 12134, 12123, 12224, 13414	Hogash	14233, 14231
Asberg	11322, 12141	Contec	14231, 11132, 13242, 11134, 11321	Fish	12331, 12224, 14232, 11321, 14211, 22413, 21332, 11342, 12224, 13242, 13314, 14232	Hogash	14233, 14231
Aska	14223, 21131, 14231, 14232	Continental	12342, 14342, 14121, 22142, 14142, 21334, 21244	Flint	11322	Hogash	14233, 14231
Atlantic	11322, 14231, 14143, 22111	Cosmel	11132	Formenti	12224, 14424, 12133, 14441, 12141, 13314, 14222, 22422, 11132, 22413, 22413, 12141, 23322, 11322	Hogash	14233, 14231
Aucchi	14224	Cosmel	11132	Formenti	12224, 14424, 12133, 14441, 12141, 13314, 14222, 22422, 11132, 22413, 22413, 12141, 23322, 11322	Hogash	14233, 14231
Audiosonic	11322, 12342, 14232	Cosmel	11132	Formenti	12224, 14424, 12133, 14441, 12141, 13314, 14222, 22422, 11132, 22413, 22413, 12141, 23322, 11322	Hogash	14233, 14231
Audiocron	14232	Cosmel	11132	Formenti	12224, 14424, 12133, 14441, 12141, 13314, 14222, 22422, 11132, 22413, 22413, 12141, 23322, 11322	Hogash	14233, 14231
Ausind	12141	Cosmel	11132	Formenti	12224, 14424, 12133, 14441, 12141, 13314, 14222, 22422, 11132, 22413, 22413, 12141, 23322, 11322	Hogash	14233, 14231
Autovox	12141, 21243, 21324, 14232, 14424	Cosmel	11132	Formenti	12224, 14424, 12133, 14441, 12141, 13314, 14222, 22422, 11132, 22413, 22413, 12141, 23322, 11322	Hogash	14233, 14231
Barco	22441	Cosmel	11132	Formenti	12224, 14424, 12133, 14441, 12141, 13314, 14222, 22422, 11132, 22413, 22413, 12141, 23322, 11322	Hogash	14233, 14231
Basic Line	14233, 11132, 22423, 11322	Cosmel	11132	Formenti	12224, 14424, 12133, 14441, 12141, 13314, 14222, 22422, 11132, 22413, 22413, 12141, 23322, 11322	Hogash	14233, 14231
Basile	14232	Cosmel	11132	Formenti	12224, 14424, 12133, 14441, 12141, 13314, 14222, 22422, 11132, 22413, 22413, 12141, 23322, 11322	Hogash	14233, 14231
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Beon	11322	Cosmel	11132	Formenti	12224, 14424, 12133, 14441, 12141, 13314, 14222, 22422, 11132, 22413, 22413, 12141, 23322, 11322	Hogash	14233, 14231
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Blue Sky	14233, 11322	Cosmel	11132	Formenti	12224, 14424, 12133, 14441, 12141, 13314, 14222, 22422, 11132, 22413, 22413, 12141, 23322, 11322	Hogash	14233, 14231
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CH+ = 1, CH- = 2, VOL+ = 3, VOL- = 4

